

Blackline F215⁺

Two-way passive reflex with dual bass drivers

features

- ▶ Very high SPL from a full range passive enclosure
- ▶ Extended low frequency performance from dual 15" (380mm) low distortion drivers
- ▶ User rotatable 80° x 50° horn
- ▶ 1.4" (35mm) exit titanium dome compression driver
- ▶ Five year limited warranty

applications

- ▶ Live sound reinforcement
- ▶ Drum monitor
- ▶ Nightclub installations
- ▶ Sidefill monitor

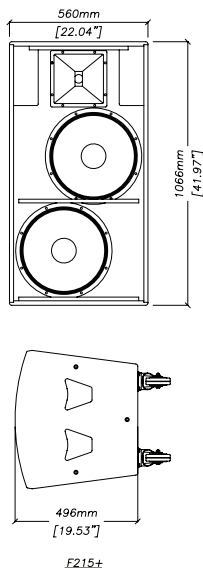
The Blackline F215⁺ is a two-way passive, trapezoidal enclosure with dual 15" (380mm)/3" (75mm) voice coil low frequency drivers and a 1.4" (35mm) exit titanium diaphragm compression driver, mounted on a proprietary, rotatable, 80° x 50° constant directivity horn.

Below 250Hz, both LF drivers operate together to produce low frequencies, whilst above 250Hz, only the upper LF driver is used to reproduce the midrange up to the crossover point. This technique avoids the uneven response which would occur if both drivers were allowed to operate together over the midband.

Each of the two new LF drivers features a tough, water resistant cone and a lightweight, high BL, neodymium motor system with inside/outside coil windings for improved heat transfer. An aluminium demodulating ring improves the midrange performance at high levels and increased excursion is available via a triple roll surround and deep motor structure.

The F215⁺ can be used with or without a controller. Use of the M3⁺ or DX1 will enhance the low frequency performance of the system and provide high quality limiters to protect the F215⁺ from being overdriven.

overall dimensions



technical specifications

TYPE	Two-way passive reflex with dual bass drivers
FREQUENCY RESPONSE (5)	45Hz-18kHz \pm 3dB -10dB @ 40Hz
DRIVERS	2 x 15" (380mm)/3" (75mm) voice coil, neodymium magnet LF drivers 1.4" (35mm) exit HF compression driver
RATED POWER (2)	800W AES, 3200W peak
RECOMMENDED AMPLIFIER	600W-1500W into 4 ohms
SENSITIVITY (6)	101dB
MAXIMUM SPL (7)	128dB continuous, 134dB peak
NOMINAL IMPEDANCE	4 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CROSSOVER	1.4 kHz passive
ENCLOSURE	180 litre, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
PIN CONNECTIONS	FR+, - : 1+, 1-, Link thro': 2+, 2-
FITTINGS	12 x M10 threaded inserts 4 x 4" (100mm) castors 3 x pocket handles
DIMENSIONS (inc wheels)	(W) 560mm x (H) 1066mm x (D) 496mm (627mm) (W) 22ins x (H) 42ins x (D) 19.5ins (24.7)
WEIGHT	59 kg (130lbs)

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